



Technical Data

Name	<i>Diamond XL</i>
Order number	9FT2B58
Working temperature range	20 °C ... 95 °C
Temperature stability	±0.01 °C
Temperature setting	Membrane keypad
Temperature display (0.01 °C display resolution)	VFD display
Connections	
Computer interface	RS232
Core temperature sensor	Pt100
Mains connection	230 V/50-60 Hz
Current consumption	9.2 A
Heating capacity	2.0 kW
Circulating pump	
Flow rate at 0 bar	14 l/min
Pressure at 0 liter	0.3 bar
Voltage variation	230 V / 50-60 Hz 115 V / 60 Hz
Overall dimensions (W*D*H) mm	537 x 697 x 424
Weight kg	22,5
Filling volume	58
Standards	CE compliant / RoHs compliant
Warning and safety equipment	
Low-level protection	float switch
Alarm notification	optical / acoustic
Permissible ambient temperature	+ 5 °C ... + 40 °C

Description

Diamond has all of the features that make *Pearl* so special plus additional innovative functions like pre-programmed memory keys for meat, fish, and vegetables, straightforward HACCP data logging, and calibration functions.

When used in conjunction with the core temperature sensor, *Diamond XL* emits an alarm to indicate that your selected core temperature has been reached. The Easyfusionchef software gives you the ability to control, visualize, and log HACCP-relevant data for up to 24 *Diamond* units simultaneously.

The timers can be started separately from each other so you always stay in control, even during hectic situations. The timer that will expire next is shown continuously. A visual and acoustic signal informs the chef when the desired time has passed. The timer then goes into the minus range so you always know the total time that the food has been cooking.

Each of the pre-programmed memory keys (fish, meat, and vegetables) is set by default to five practical temperature values. Of course, you can edit these values at any time. It doesn't get any easier than that!

Diamond XL is delivered fully assembled on a robust stainless steel bridge with an insulated bath tank (58-liter filling volume), stainless steel bath lid, and drain tap. This system is highly stable and robust with handles for easy transport. As a closed unit, it greatly reduces evaporation of water, especially when cooking for long periods. As a result, safety shutdowns caused by a low water level are effectively avoided. When it's time for cleanup, simply put the water bath and bath lid into a dishwasher.

Technical changes reserved.
Pictures may differ from original.



At a glance:

- Temperature stability of ± 0.01 °C
- Splash-proof operating keypad
- Bright VFD temperature display
- Hygienic anti-fingerprint stainless hood
- Low-water alarm
- Three timers
- Pre-programmed temperature memory keys (fish, meat, vegetables)
- Core temperature alarm (acoustic and visual)
- Straightforward HACCP-compliant data storage
- Guided-user auto calibration
- Simultaneous display of target and actual temperatures, core temperature, and timer
- PC control and recording
- High-capacity pump (14l/min)
- Stainless steel protection grid (included)
- Vapor barrier protection
- Temperature display in °C and °F
- Stainless steel bridge
- Insulated 58-liter bath tank
- Bath lid constructed of stainless steel
- Drain tap
- Robust handles

Technical changes reserved.
Pictures may differ from original.